DEPARTMENT OF THE ARMY
SAVANNAH DISTRICT, CORPS OF ENGINEERS
7104 North Westover BLVD, Unit 9
ALBANY, GEORGIA 31707

MAY 29 2009

REPLY TO
ATTENTION OF:

Regulatory Division
200900568

JOINT PUBLIC NOTICE
Savannah District/State of Georgia

The Savannah District has received an application for a Department of the Army Permit, pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344), as follows:

Application Number: 200900568

Applicant: Colonel Thomas Macdonald, Garrison Commander
Fort Benning, Georgia 31905

Location of Proposed Work: The project area is located approximately 5.5-miles southeast of the intersection of GA Hwy 27/1 and 1st Division Road along the east side of Jamestown Road, on the southern portion of Fort Benning. Coordinates for the center of the maneuver area are Latitude 32.280288° and Longitude 84.825705°.

Description of Work Subject to the Jurisdiction of the US Army Corps of Engineers: This project (69668) proposes to impact 12.33 acres of wetlands and 5,126.5 linear feet of stream for the construction and upgrade of training area infrastructure at the11, 247-acre Good Hope Maneuver Area for purposes of training of military personnel. Primary facilities include new training area roads/tank trails, existing training area roads repair, culverted and low water crossings, traffic signage, field training/staging area, and turning pads. New training tank trails and existing training area roads to be repaired total approximately 67.3-miles. This project is included in the Maneuver Center of Excellence Environmental Impact Statement.

Mitigation Plan

Fort Benning is proposing to mitigate these impacts by purchasing 73.1 wetland credits and 20.704.7 stream credits from the Kolomoki Mitigation Bank.

BACKGROUND

This Joint Public Notice announces a request for authorizations from both the US Army Corps of Engineers and the State of Georgia. The applicant's proposed work may also require local governmental approval.

STATE OF GEORGIA

Water Quality Certification: The Georgia Department of Natural Resources, Environmental Protection Division, intends to certify this project at the end of 30 days in accordance with the provisions of Section 401 of the Clean Water Act, which is required by an applicant for a Federal Permit to conduct an activity in, on, or adjacent to the waters of the State of Georgia. Copies of the application and supporting documents relative to a specific application will be available for review and copying at the office of the Georgia Department of Natural Resources, Environmental Protection Division, Water Protection Branch, 4220 International Parkway, Suite 101, Atlanta, Georgia 30354, during regular office hours. A copier machine is available for public use at a charge of 25 cents per page. Any person who desires to comment, object, or request a public hearing relative to State Water Quality Certification must do so within 30 days of the State's receipt of application in writing and state the reasons or basis of objections or request for a hearing. The application can also be seen in the Savannah District US Army Corps of Engineers, Albany Field Office, 1104 N. Westover Blvd, Unit 9, Albany, Georgia.

US ARMY CORPS OF ENGINEERS

The Savannah District must consider the purpose and the impacts of the applicant's proposed work, prior to a decision on issuance of a Department of the Army Permit.

Cultural Resources Assessment: The US Army Infantry Center, Fort Benning is the lead federal agency for this proposed action. Historic and Cultural Resources Surveys and Assessments were included in an MCOE EIS that is currently being performed by Fort Benning. As soon as the assessments are completed, a copy of the results will be forwarded to the appropriate offices for review. Fort Benning will meet all lead federal agency responsibilities pursuant to Section 106 of the National Historic Preservation Act, prior to any work occurring in waters of the US subject to the jurisdiction of the USACE.

Endangered Species: The US Army Infantry Center, Fort Benning is the lead federal agency for this proposed action. Threatened and Endangered Species Assessments were included in an MCOE EIS that is currently being performed by Fort Benning. As soon as the surveys and assessments are completed, a copy of the results will be forwarded to the appropriate offices for review. Fort Benning will meet all lead federal agency responsibilities pursuant to Section 7 of the Endangered Species Act, prior to any work occurring in waters of the US subject to the jurisdiction of the USACE.

Public Interest Review: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and in general, the needs and welfare of the people.

Consideration of Public Comments: The US Army Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Native American Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the US Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Application of Section 404(b) (1) Guidelines: Project Purpose and need; Fort Benning, located approximately 80 miles southwest of Atlanta, is the home of the United States Army Infantry Center, 3rd Brigade 3rd Infantry Division, and various non-divisional and tenant units. The relocation of the USA Armor Center from Fort Knox, KY to Fort Benning will result in the stationing of approximately 14,000 additional personnel at the installation (including students). A majority of the facilities required for the Armor Center will be built at Harmony Church. New utility distribution systems and roadway upgrade are required to support the required facilities. Training area roadway improvements are required to provide safe and secure access into Fort Benning's training areas. Access to and within four major training maneuver areas is required to support mission training: OSUT Maneuver Training Area, Northern Maneuver Training Area, Good Hope Maneuver Training Area, and Southeastern Maneuver Training Area.

The objective of this project is to construct new and upgrade existing training area infrastructure roads and drainage to support increased access and training use. The current situation of the existing training roads of the Good Hope Maneuver Area does not support the increased trafficability and training throughput associated with tracked vehicle use. If this project is not provided, mission support to Fort Benning will be reduced. Safe and efficient access to existing training land will be limited.

Alternative Site Evaluation: With regard to the project site location, Fort Benning is limited in spaces that can accommodate a training area of this size. A search was conducted for alternative sites and only one available site was found that could accommodate this project. Because of the network of existing roads throughout the Good Hope Training area, it allowed for many of the proposed tank trails to be placed on the existing trails, therefore, minimizing the need for completely new road construction and reducing overall jurisdictional impacts. New trails will be constructed in areas where no existing trails are present. This area provided the best and only option for this training facility. Therefore, no other more feasible alternative sites exist on this military installation for this project.

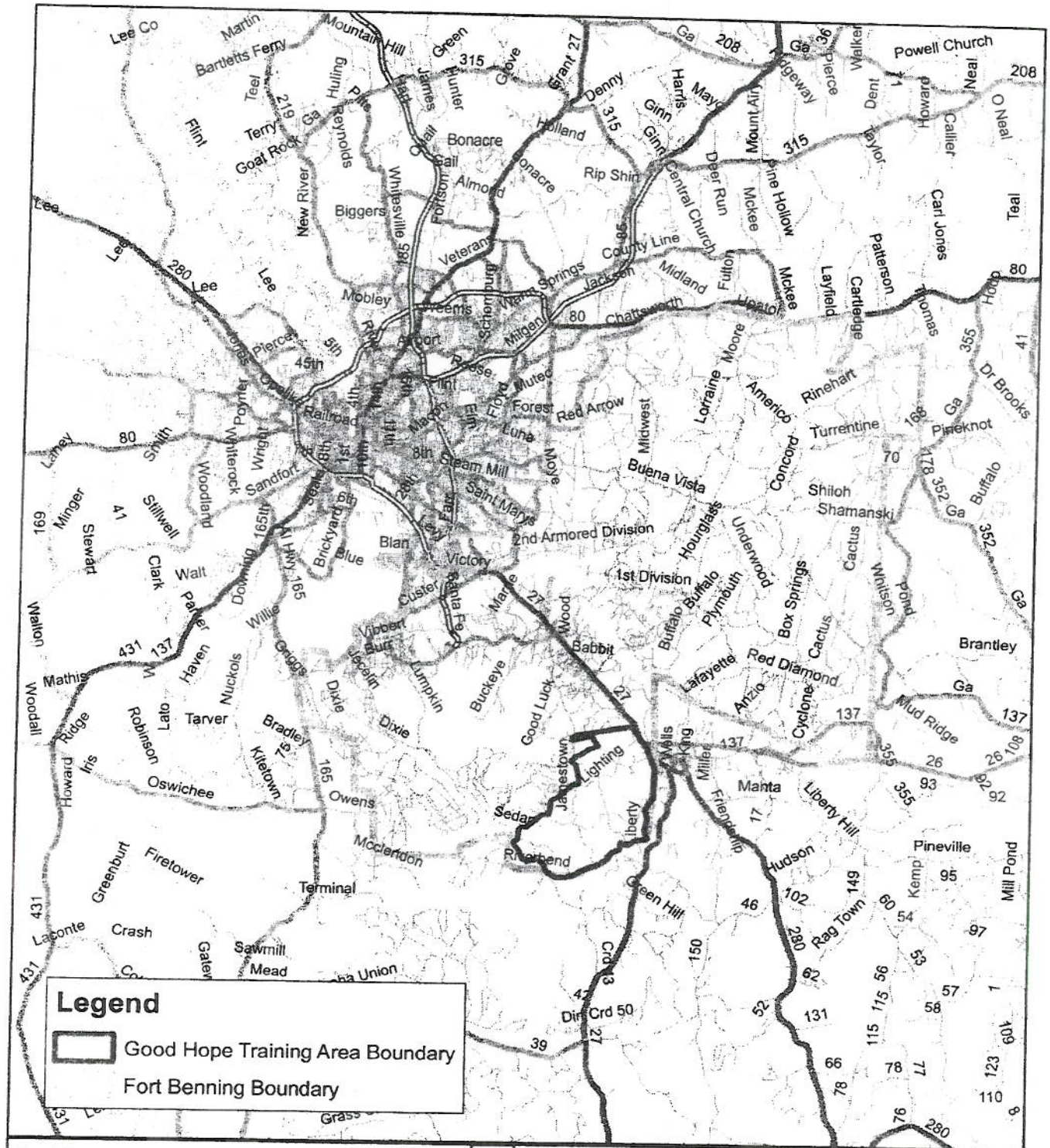
Avoidance and Minimization; This project site has numerous wetlands and streams throughout. It also has a number of existing roads and crossings. The existing roads and crossings would be used as much as possible. Some trails were relocated to avoid wetland areas. During the design process, the foot print of the project was adjusted and reduced to avoid wetland impacts. Approximately 12 acres of wetlands were avoided.

Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army Permit. Requests for public hearings shall state, with particularity, the reasons for requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer, or his designated appointee, based on the need for additional substantial information necessary in evaluating the proposed project.

Comment Period: Anyone wishing to comment on this application for a Department of the Army Permit should submit comments in writing to the Commander, US Army Corps of Engineers, Savannah District, Albany Field Office, 1104 N. Westover Blvd, Unit 9, Albany, Georgia. 31707, no later than 30 days from the date of this notice. Please refer to the applicant's name and the application number in your comments.

If you have any further questions concerning this matter, please contact Thomas Fischer, at (229) 430-8566.

Enclosures



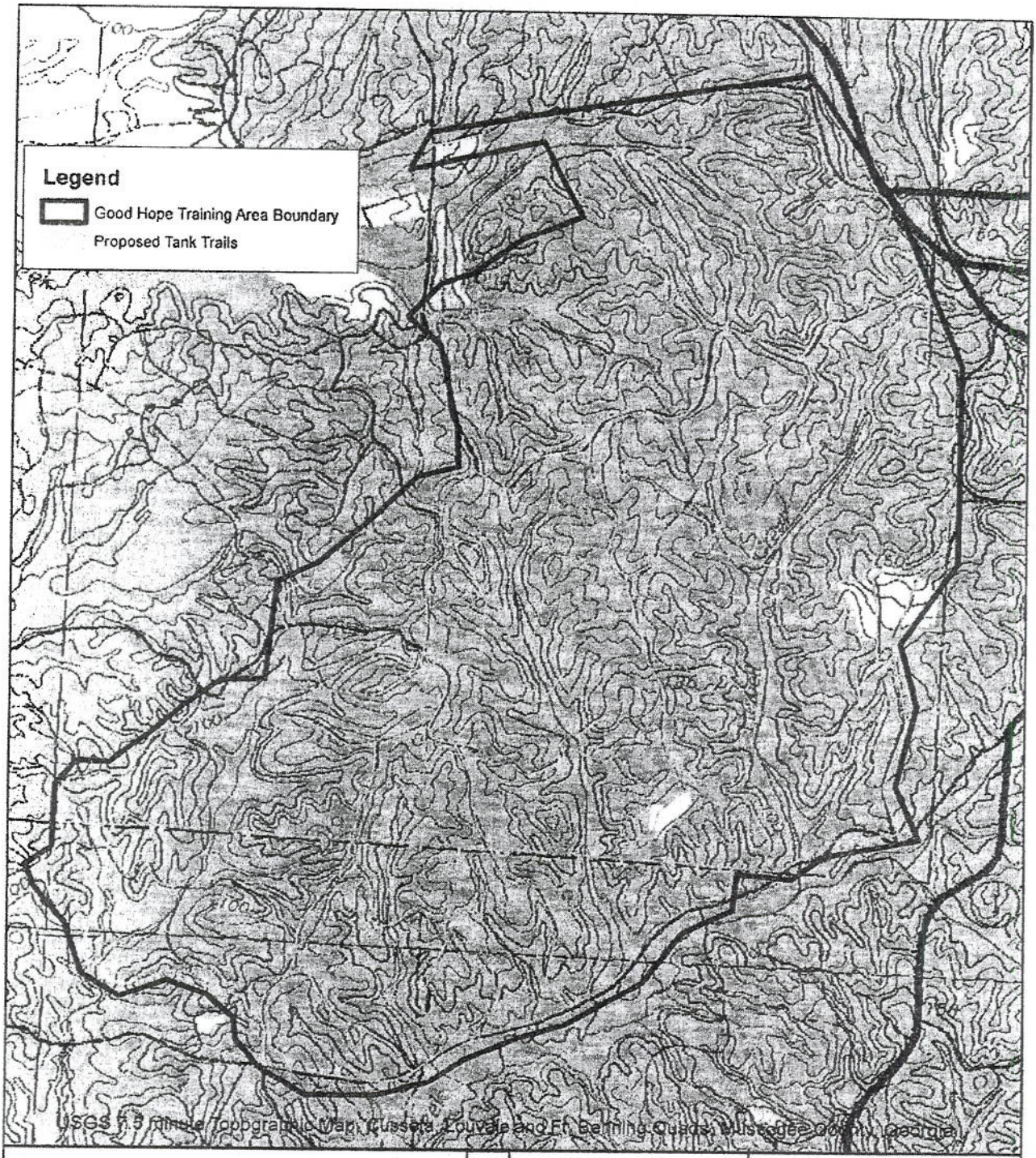
Good Hope Training Area Infrastructure Project (69668)
Fort Benning
Chattahoochee County, Georgia

Prepared For:
U.S. Army at Fort Benning

Figure 1
Location Map
April 2009

WILDLANDS
1305 Lakes Parkway, Suite 129
Lawrenceville, Georgia, 30043
Phone 770.682.9731
Fax 770.682.6164
www.wildlandsinc.com

Wildlands Project No. 2520-20



Good Hope Training Area Infrastructure Project (69668)
Fort Benning
Chattahoochee County, Georgia

0 0.5 1 2 Miles

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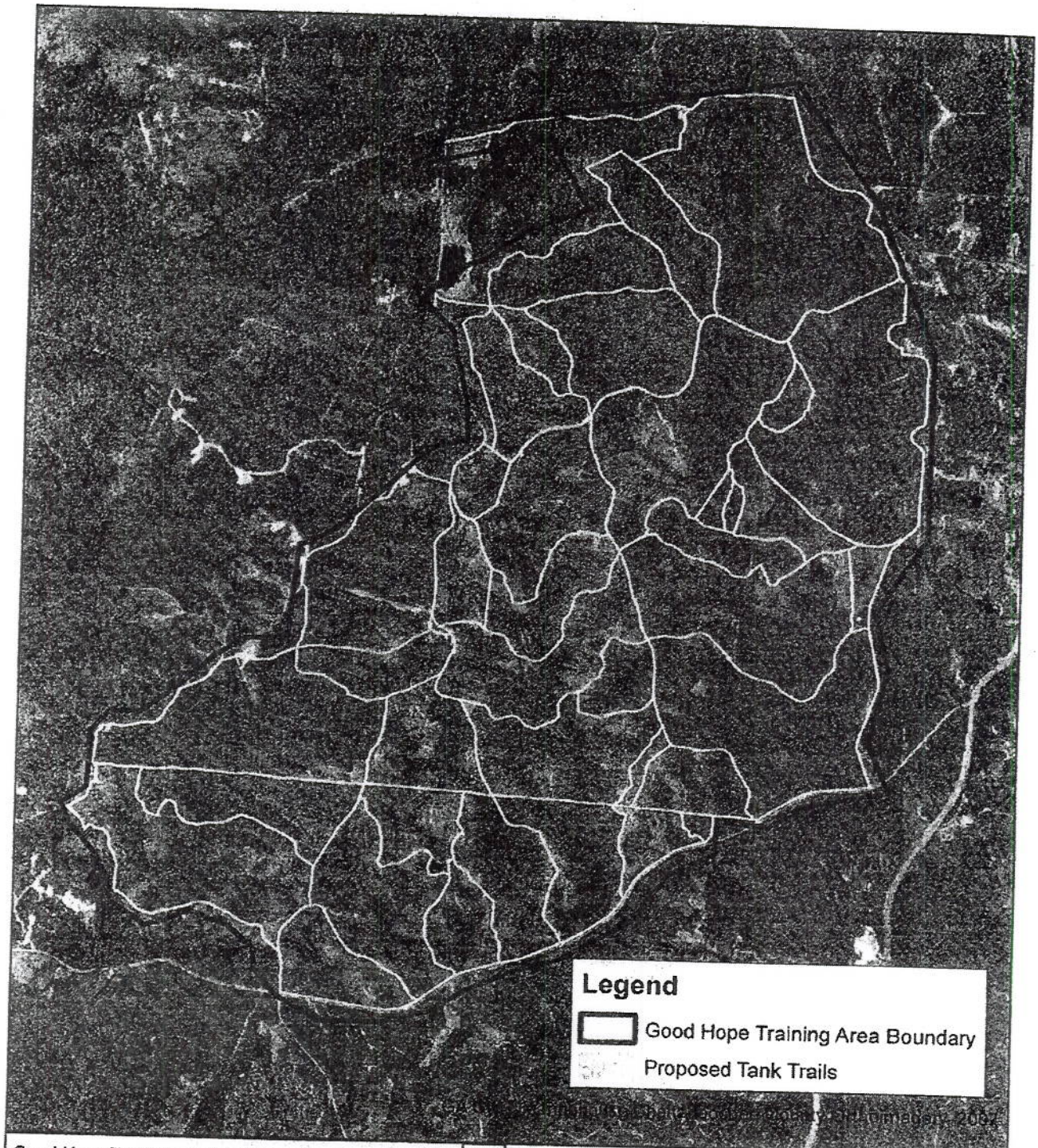
Prepared For:
U.S. Army at Fort Benning

Figure 2
Topographic Map
April 2009

WILDLANDS
1305 Lakes Parkway, Suite 129
Lawrenceville, Georgia, 30043
Phone 770.682.9731
Fax 770.682.6184
www.wildlandsinc.com

Wildlands Project No: 23205-20



Good Hope Training Area Infrastructure Project (69668)
Fort Benning
Chattahoochee County, Georgia

0 0.5 1 2 Miles

N

Prepared For:
U.S. Army at Fort Benning

Figure 3
Location Map
April 2009

WILDLANDS
1305 Lakes Parkway, Suite 129
Lawrenceville, Georgia, 30043
Phone 770.682.9731
Fax 770.682.6164
www.wildlandsinc.com

Wildlands Project No: 25265-20

Jurisdictional Wetland/Stream Impact Descriptions
Good Hope Training Area Infrastructure Project (69688)

Area: 1
Location: Southwestern corner of range (map 12)
Impacts: Stream 84 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 2
Location: Southern tip of range (map 13)
Impacts: Stream 96 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 3
Location: Southern tip of range (map 13)
Impacts: Stream 110 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 4
Location: Southeastern portion of range (map 14)
Impacts: Stream 102 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 5
Location: Southeastern portion of range (map 14)
Impacts: Stream 99 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 6
Location: Southeastern portion of range (map 14)
Impacts: Stream 0 (LF) Wetland 0.67 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 7
Location: Southeastern portion of range (map 14)
Impacts: Stream 0 (LF) Wetland 1.067 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 8
Location: Southeastern portion of range (map 14)
Impacts: Stream 96 (LF) Wetland 0.264 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped, all wetlands within the corridor will be filled

Area: 9
Location: Southeastern portion of range (map 14)
Impacts: Stream 0 (LF) Wetland 0.374 (acres)
Type of Impact: all wetlands within the corridor will be filled

Area: 10
Location: Southern tip of range (map 13)
Impacts: Stream 94 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 11
Location: Southwestern corner of range (map 12)
Impacts: Stream 175 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 12
Location: Southwestern corner of range (map 12)
Impacts: Stream 137 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 13
Location: Southwestern corner of range (map 12)
Impacts: Stream 74 (LF) Wetland 0 (acres)
Type of Impact: There is 124 LF of stream within the corridor and an existing pipe of 30 feet. USACE allowance of 20 feet reduces impacts to 74 LF within corridor

Area: 14
Location: Northeastern portion of range (map 3)
Impacts: Stream 133 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 15
Location: Northeastern portion of range (map 3)
Impacts: Stream 0 (LF) Wetland 0 (acres) Ephemeral 0.076 (acres)
Type of Impact: Ephemeral stream impact, all wetlands within the corridor will be filled

Area: 16
Location: Northeastern portion of range (map 3)
Impacts: Stream 42 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 17
Location: Northeastern portion of range (map 3)
Impacts: Stream 18.5 (LF) Wetland 0 (acres)
Type of Impact: There is 55 LF of stream within the corridor and an existing pipe of 16.5 feet. USACE allowance of 20 feet reduces impacts to 18.5 LF within corridor

Area: 18
Location: Northeastern portion of range (map 3)
Impacts: Stream 85 (LF) Wetland 0 (acres)
Type of Impact: There is 120 LF of stream within the corridor and an existing pipe of 25 feet. USACE allowance of 20 feet reduces impacts to 85 LF within corridor

Area: 19
Location: Southeastern elbow of property (map 11)
Impacts: Stream 110 (LF) Wetland 1.64 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped. All wetlands within the corridor will be filled

Area: 19A
Location: Southeastern elbow of property (map 11)
Impacts: Stream 0 (LF) Wetland 0.411 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 20
Location: Southeastern elbow of property (map 11)
Impacts: Stream 26 (LF) Wetland 0.514 (acres)
Type of Impact: There is 108 LF of stream within the corridor and an existing pipe of 62 feet. USACE allowance of 20 feet reduces impacts to 26 LF within corridor. All wetlands within the corridor will be filled

Area: 20A
Location: Southeastern elbow of property (map 11)
Impacts: Stream 59 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped.

Area: 21
Location: Eastern portion of middle of range (map 7)
Impacts: Stream 93 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped.

Area: 22
Location: Eastern portion of middle of range (map 7)
Impacts: Stream 0 (LF) Wetland 0.32 (acres) Ephemeral 0.022 (acres)
Type of Impact: Ephemeral stream and all wetlands within the corridor will be filled

Area: 23
Location: Eastern portion of middle of range (map 7)
Impacts: Stream 104 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped.

Area: 24
Location: Eastern portion of middle of range (map 7)
Impacts: Stream 84 (LF) Wetland 0 (acres) Ephemeral 0.004 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped, Ephemeral stream within the corridor will be filled.

Area: 25
Location: Eastern portion of middle of range (map 7)
Impacts: Stream 103 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 26
Location: Eastern portion of middle of range (map 7)
Impacts: Stream 106 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 26A
Location: Eastern portion of middle of range (map 7)
Impacts: Stream 24 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 27
Location: Eastern portion of middle of range (map 7)
Impacts: Stream 136 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 28
Location: Eastern portion of middle of range (map 7)
Impacts: Stream 0 (LF) Wetland 0 (acres) Ephemeral 0.308 (acres)
Type of Impact: Ephemeral stream within the corridor will be filled.

Area: 29
Location: Northeastern portion of middle of range (map 5)
Impacts: Stream 104 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 30
Location: Middle of southern portion of range on eastern side (map 10)
Impacts: Stream 0 (LF) Wetland 0.198 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 31
Location: Middle of southern portion of range on eastern side (map 10)
Impacts: Stream 109 (LF) Wetland 0.703 (acres)
Type of Impact: All wetlands within the corridor will be filled. No existing pipe, all remaining stream within the corridor will be piped

Area: 32
Location: Middle of southern portion of range on eastern side (map 10)
Impacts: Stream 62 (LF) Wetland 0.362 (acres)
Type of Impact: There is 112 LF of stream within the corridor and an existing pipe of 30 feet. USACE allowance of 20 feet reduces impacts to 62 LF within corridor. All wetlands within the corridor will be filled

Area: 33
Location: Middle of southern portion of range on eastern side (map 10)
Impacts: Stream 103 (LF) Wetland 0.468 (acres)
Type of Impact: All wetlands within the corridor will be filled. No existing pipe, all remaining stream within the corridor will be piped

Area: 34
Location: Western portion of middle of range (map 6)
Impacts: Stream 95 (LF) Wetland 0.519 (acres)
Type of Impact: All wetlands within the corridor will be filled. No existing pipe, all remaining stream within the corridor will be piped

Area: 35
Location: Western portion of middle of range (map 6)
Impacts: Stream 100 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 36
Location: Middle of southern portion of range on eastern side (map 10)
Impacts: Stream 0 (LF) Wetland 0.012 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 37
Location: Middle of southern portion of range on western side (map 9)
Impacts: Stream 0 (LF) Wetland 0.19 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 38
Location: Middle of southern portion of range on western side (map 9)
Impacts: Stream 150 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 39
Location: Middle of southern portion of range on western side (map 9)
Impacts: Stream 54 (LF) Wetland 0 (acres) Ephemeral 0.051 (acres)
Type of Impact: There is 103 LF of stream within the corridor and an existing pipe of 29 feet. USACE allowance of 20 feet reduces impacts to 54 LF within corridor. Ephemeral stream within the corridor will be filled.

Area: 40
Location: northern portion of southwestern toe of range (map 8)
Impacts: Stream 0 (LF) Wetland 0.692 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 40(eph)
Location: northern portion of southwestern toe of range (map 8)
Impacts: Ephemeral 0.055 (acres)
Type of Impact: Ephemeral stream impact is filling.

Area: 41
Location: northern portion of southwestern toe of range (map 8)
Impacts: Stream 162 (LF) Wetland 0.032 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 42
Location: northern portion of southwestern toe of range (map 8)
Impacts: Stream 0 (LF) Wetland 0.057 (acres)
Type of Impact: Ephemeral stream impact is filling, all wetlands within the corridor will be filled.

Area: 43
Location: northern portion of southwestern toe of range (map 8)
Impacts: Stream 93 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 44
Location: Middle of southern portion of range on western side (map 9)
Impacts: Stream 0 (LF) Wetland 0.08 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 45
Location: Middle of southern portion of range on western side (map 9)
Impacts: Stream 0 (LF) Wetland 0.097 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 46
Location: Middle of southern portion of range on western side (map 9)
Impacts: Stream 0 (LF) Wetland 0.147 (acres)
Type of Impact: All wetlands within the corridor will be filled

Area: 47
Location: Middle of southern portion of range on western side (map 9)
Impacts: Stream 61 (LF) Wetland 0.305 (acres)

Type of Impact: All wetlands within the corridor will be filled. There is 101 LF of stream within the corridor and an existing pipe of 20 feet. USACE allowance of 20 feet reduces impacts to 61 LF within corridor.

Area: 47A
Location: Middle of southern portion of range on eastern side (map 10)
Impacts: Stream 0 (LF) Wetland 0.096 (acres)
Type of Impact: All wetlands within the corridor will be filled.

Area: 48
Location: Middle of southern portion of range on eastern side (map 10)
Impacts: Stream 106 (LF) Wetland 0.004 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 49
Location: Middle of southern portion of range on eastern side (map 10)
Impacts: Stream 99 (LF) Wetland 0.296 (acres)
Type of Impact: All wetlands within the corridor will be filled. No existing pipe, all remaining stream within the corridor will be piped

Area: 49A
Location: Middle of southern portion of range on eastern side (map 10)
Impacts: Stream 0 (LF) Wetland 0.143 (acres)
Type of Impact: All wetlands within the corridor will be filled.

Area: 50
Location: Southeastern elbow of property (map 11)
Impacts: Stream 58 (LF) Wetland 0 (acres)
Type of Impact: There is 98 LF of stream within the corridor and an existing pipe of 20 feet. USACE allowance of 20 feet reduces impacts to 58 LF within corridor.

Area: 51
Location: Southeastern elbow of property (map 11)
Impacts: Stream 98 (LF) Wetland 0.145 (acres)
Type of Impact: All wetlands within the corridor will be filled.

Area: 52
Location: Southeastern elbow of property (map 11)
Impacts: Stream 117 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 53
Location: Northeastern section of range (map 1)
Impacts: Stream 20 (LF) Wetland 0.026 (acres)
Type of Impact: All wetlands within the corridor will be filled. No existing pipe, all remaining stream within the corridor will be piped

Area: 54
Location: Northeastern section of range (map 1)
Impacts: Stream 4 (LF) Wetland 0.007 (acres)
Type of Impact: There is 85 LF of stream within the corridor and an existing pipe of 61 feet. USACE allowance of 20 feet reduces impacts to 4 LF within corridor.

Area: 55
Location: Northeastern section of range (map 1)
Impacts: Stream 0 (LF) Wetland 0.026 (acres)
Type of Impact: Ephemeral stream impact, all wetlands within the corridor will be filled.

Area: 56
Location: Northeastern section of range (map 1)
Impacts: Stream 443 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 56A
Location: Northeastern section of range (map 1)
Impacts: Stream 18 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 57
Location: Northeastern section of range (map 1)
Impacts: Stream 100 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 58
Location: Western portion of middle of range (map 6)
Impacts: Stream 117 (LF) Wetland 0 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 59
Location: Northwestern portion of middle of range (map 4)
Impacts: Stream 98 (LF) Wetland 0.027 (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped, Ephemeral stream impact, all wetlands within the corridor will be filled.

Area: 60
Location: Northwestern portion of middle of range (map 4)
Impacts: Stream 98 (LF) Wetland 0.011 (acres)
Type of Impact: All wetlands within the corridor will be filled. No existing pipe, all remaining stream within the corridor will be piped

Area: 61
Location: Northwestern portion of middle of range (map 4)

Impacts: Stream ___0___ (LF) Wetland ___0.113___ (acres)
Type of Impact: All wetlands within the corridor will be filled.

Area: 62
Location: Northwestern portion of middle of range (map 4)
Impacts: Stream ___0___ (LF) Wetland ___0.075___ (acres)
Type of Impact: All wetlands within the corridor will be filled.

Area: 63
Location: Northwestern portion of middle of range (map 4)
Impacts: Stream ___0___ (LF) Wetland ___0.09___ (acres)
Type of Impact: Ephemeral stream impact is filling, all wetlands within the corridor will be filled.

Area: 64
Location: Northeastern section of range (map 2)
Impacts: Stream ___31___ (LF) Wetland ___0___ (acres)
Type of Impact: All wetlands within the corridor will be filled. No existing pipe, all remaining stream within the corridor will be piped

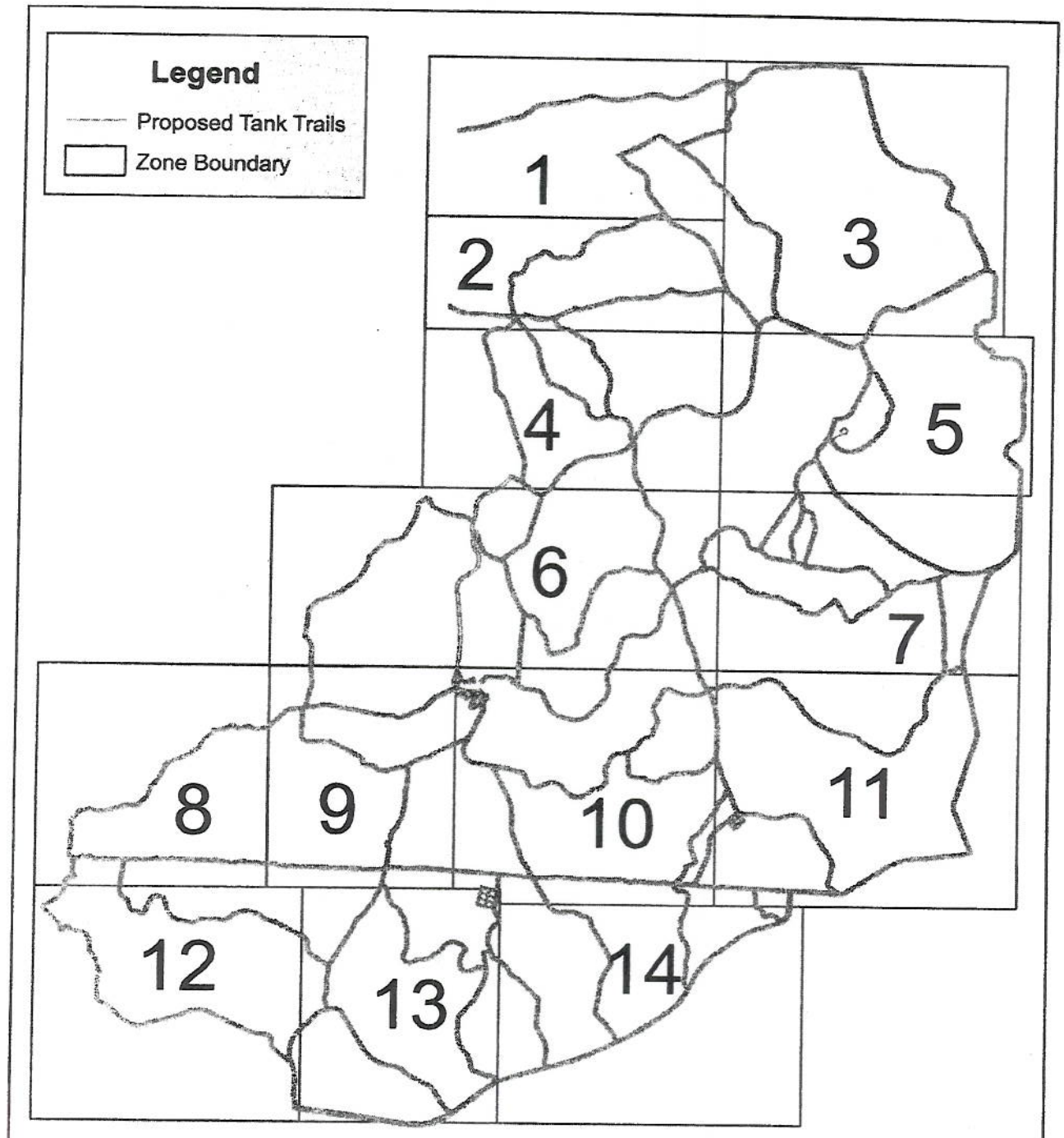
Area: 65
Location: Northeastern section of range (map 2)
Impacts: Stream ___81___ (LF) Wetland ___0.046___ (acres)
Type of Impact: All wetlands within the corridor will be filled.

Area: 66
Location: Northeastern section of range (map 2)
Impacts: Stream ___35___ (LF) Wetland ___0.46___ (acres)
Type of Impact: All wetlands within the corridor will be filled. No existing pipe, all remaining stream within the corridor will be piped

Area: 67
Location: Northeastern section of range (map 2)
Impacts: Stream ___67___ (LF) Wetland ___0.425___ (acres)
Type of Impact: All wetlands within the corridor will be filled.

Area: 68
Location: Northeastern section of range (map 2)
Impacts: Stream ___141___ (LF) Wetland ___0___ (acres)
Type of Impact: No existing pipe, all remaining stream within the corridor will be piped

Area: 69
Location: Northeastern section of range (map 2)
Impacts: Stream ___112___ (LF) Wetland ___0.701___ (acres)
Type of Impact: All wetlands within the corridor will be filled. No existing pipe, all remaining stream within the corridor will be piped.



Good Hope Training Area
Jurisdictional Wetland/Stream Impact Assessment
Fort Benning, Georgia

Prepared For:
United States Army at Fort Benning

Figure 1
Jurisdictional Wetland/Stream Impacts
Map of Impact Zones
April 2009

WILDLANDS
1305 Lakes Parkway
Suite 129
Lawrenceville, Georgia, 30043
Phone 770.682.9731
Fax 770.682.6164
www.wildlandsinc.com

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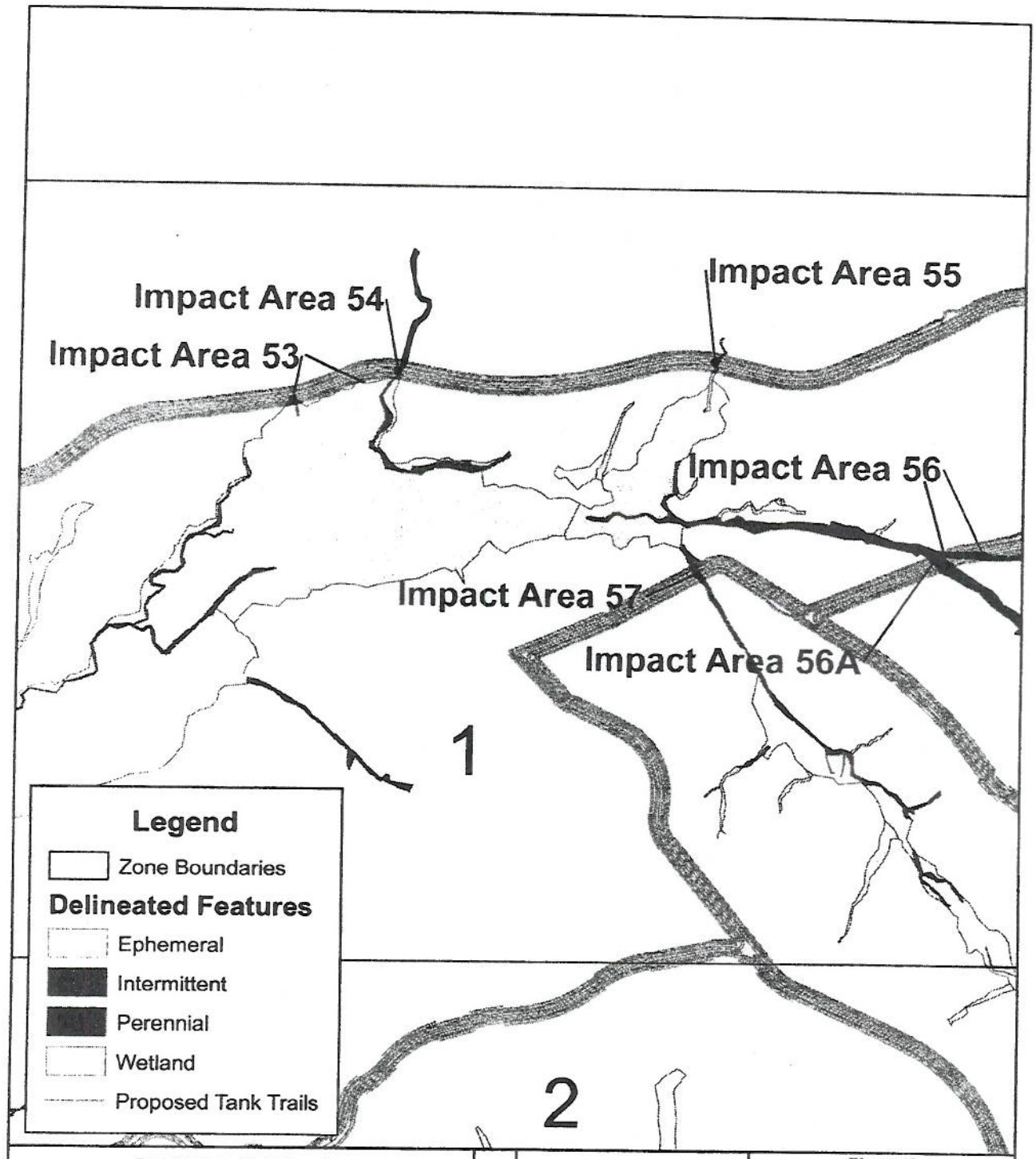
0 2,000 4,000 8,000 Feet

Project No. 253-02



Good Hope Training Area
Jurisdictional Wetland/Strem Impact Assessment
Fort Benning, Georgia

N

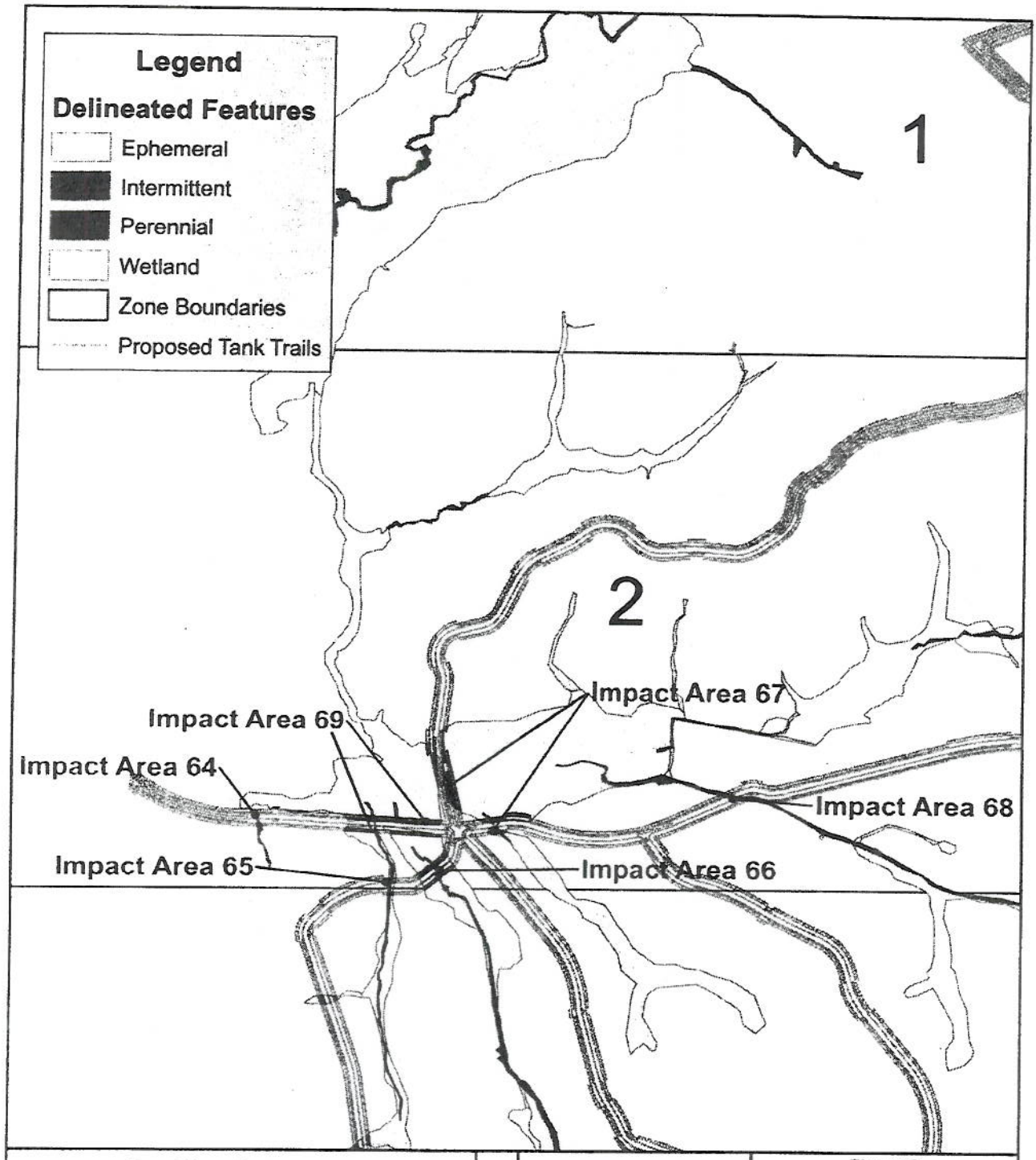
Prepared For:
United States Army at Fort Benning

Figure 2
Jurisdictional Wetland/Stream Impact Zone 1
April 2009

WILDLANDS
1305 Lakes Parkway
Suite 129
Lawrenceville, Georgia, 30043
Phone 770.682.9731
Fax 770.682.6164
www.wildlandsinc.com

0 400 800 1,600 Feet

Project No 252-02



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Jurisdictional Wetland/Stream Impact Assessment
Fort Benning, Georgia

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Figure 3
Jurisdictional Wetland/Stream Impact Zone 2
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N

0 400 800 1,600 Feet

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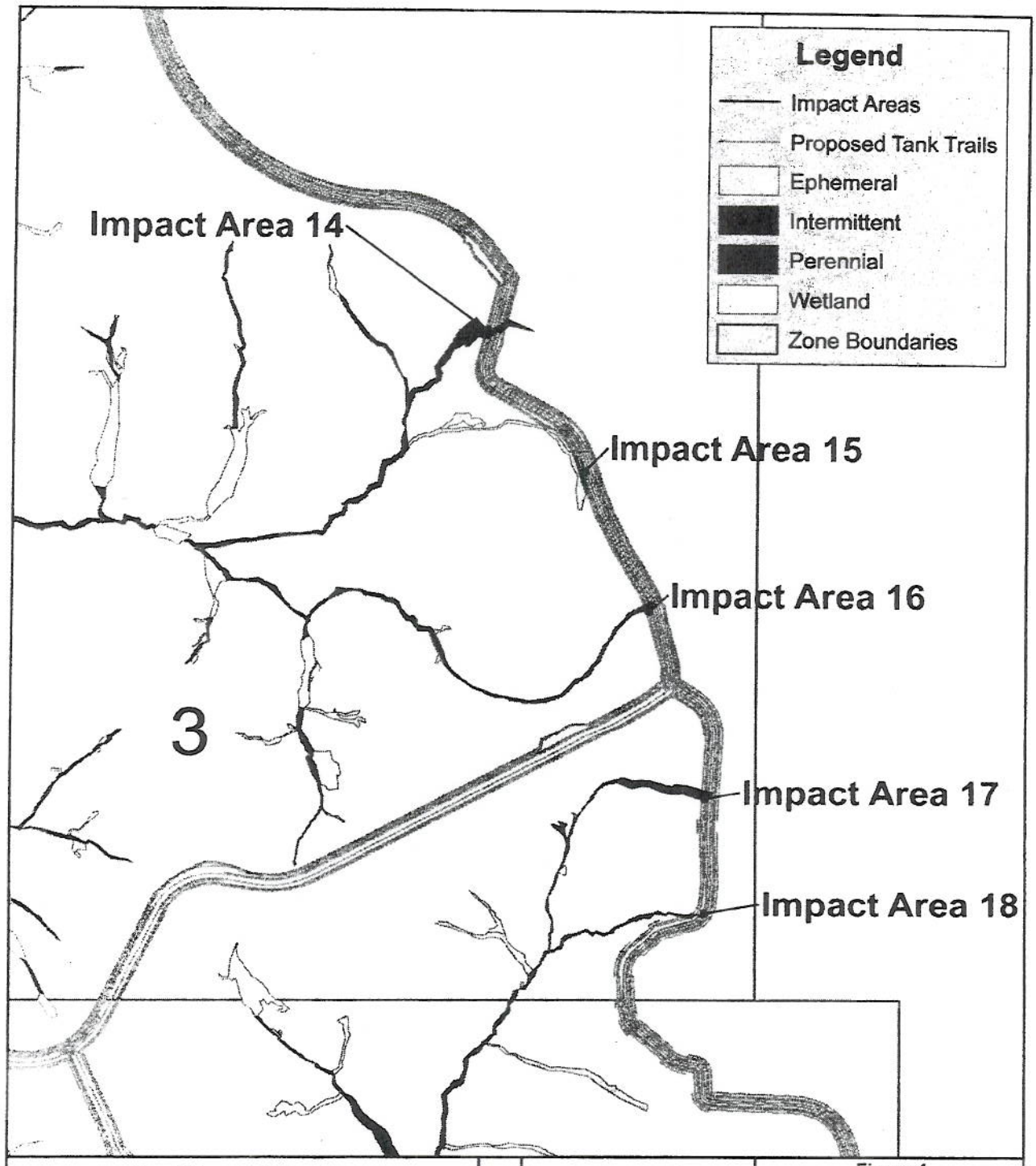

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Figure 4
Jurisdictional Wetland/Stream Impact Zone 3
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N

0 400 800 1,600 Feet

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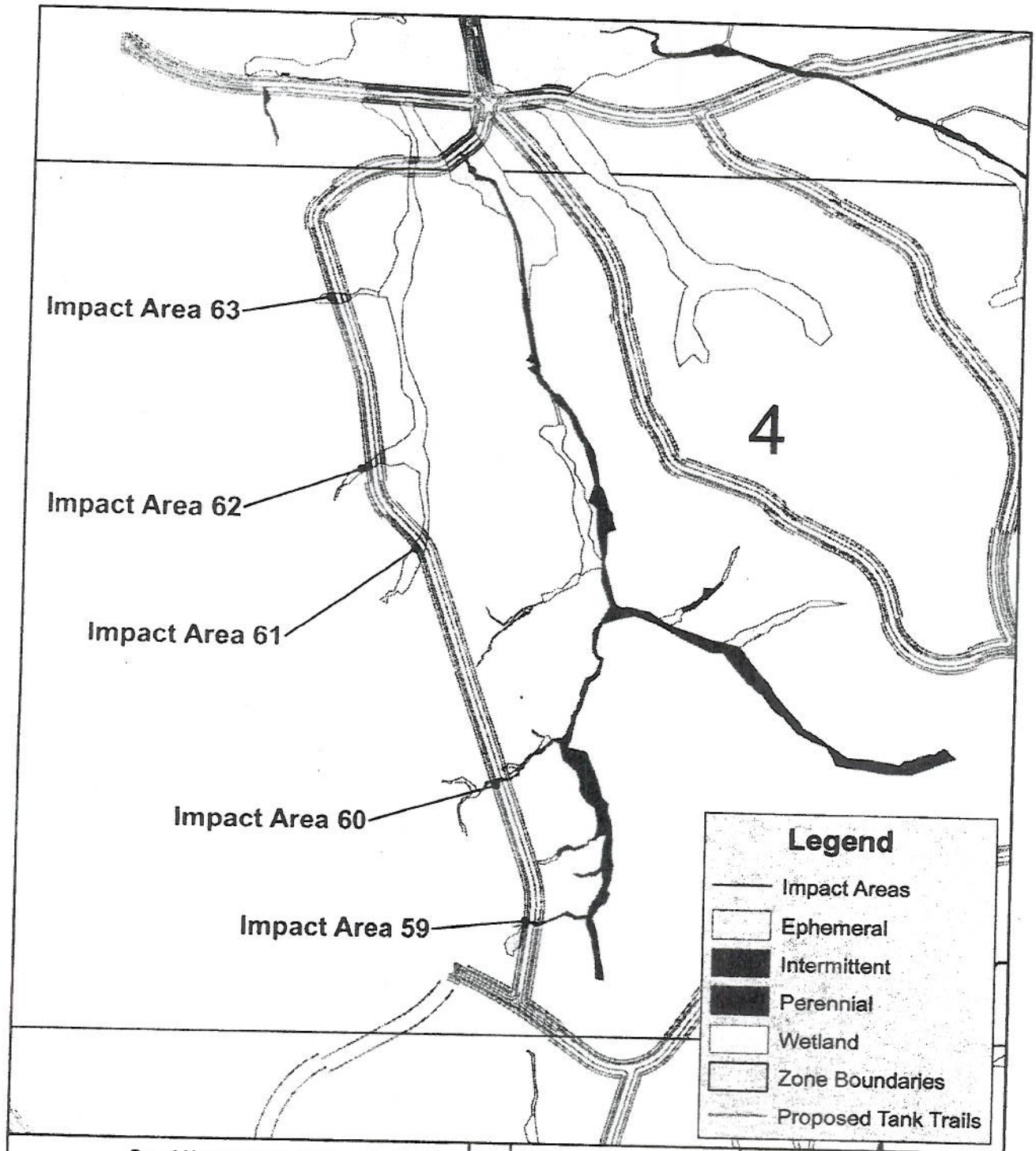

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Figure 5
Jurisdictional Wetland/Stream
Impact Zone 4
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0 350 700 1,400 Feet

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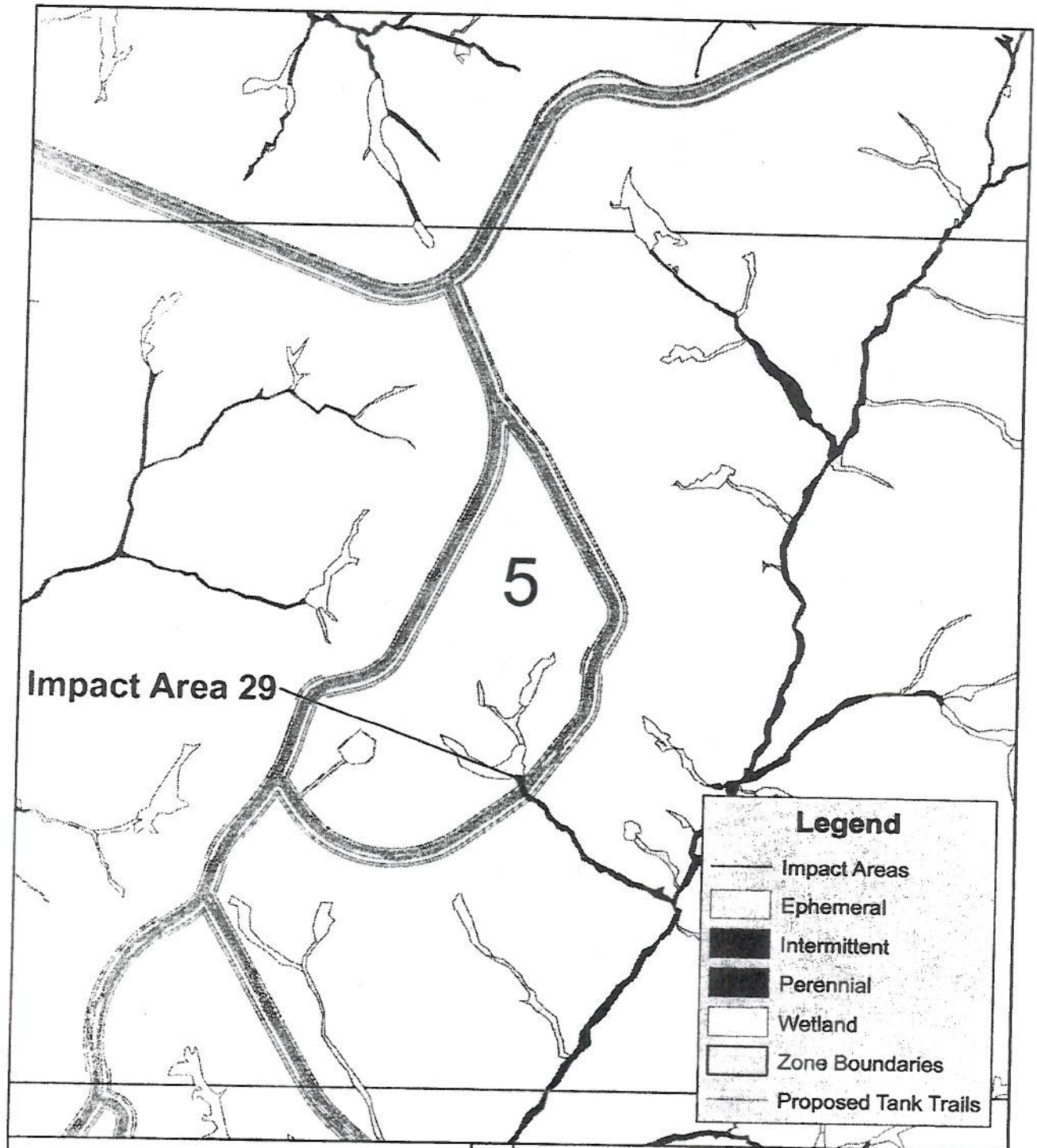

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Figure 6
Jurisdictional Wetland/Stream Impact Zone 5
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0 350 700 1,400 Feet

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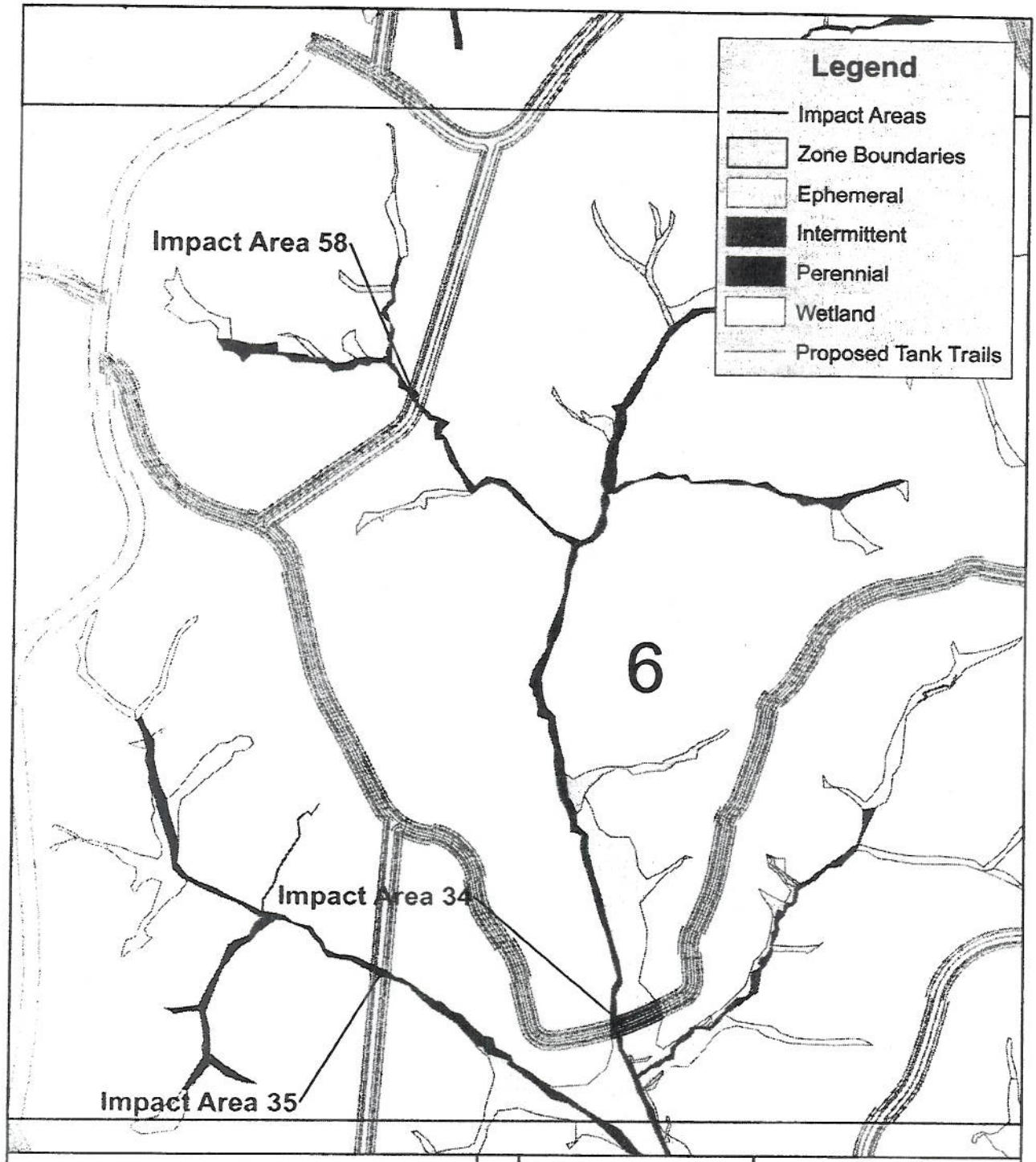

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Figure 7
Jurisdictional Wetland/Stream Impact Zone 6
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0 350 700 1,400 Feet

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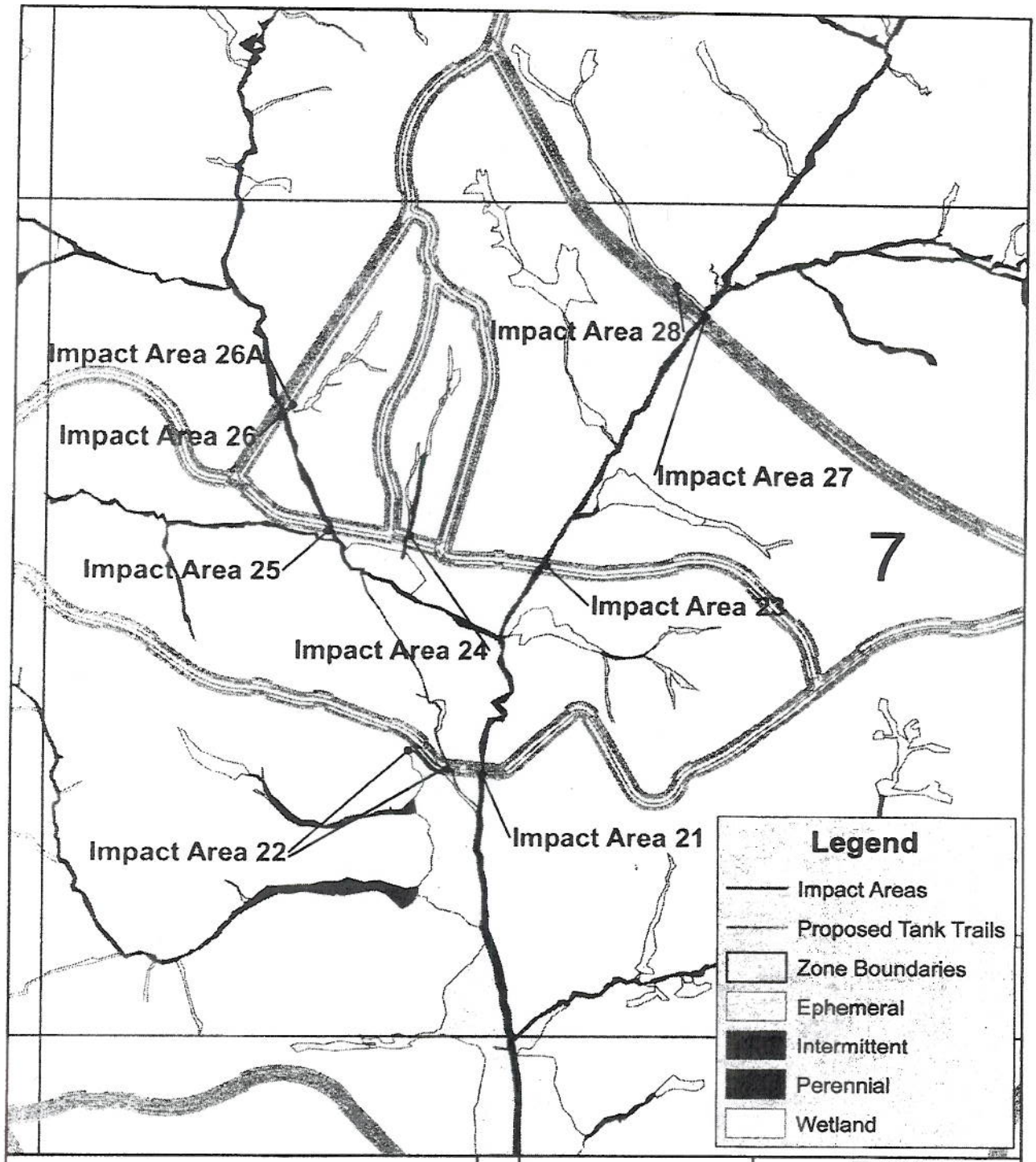

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Figure 8
Jurisdictional Wetland/Stream Impact Zone 7
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N

0 425 850 1,700 Feet

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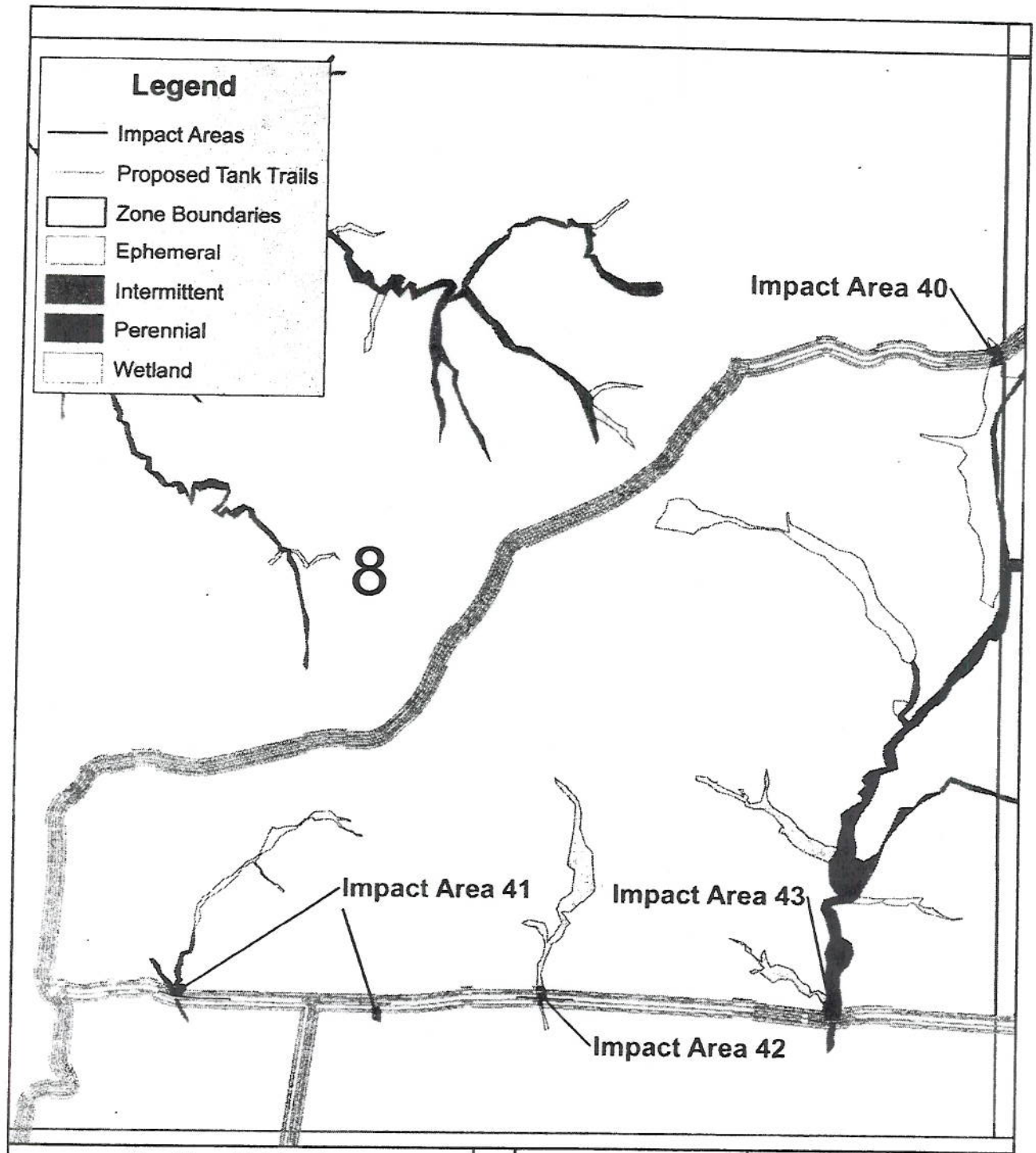

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Figure 9
Jurisdictional Wetland/Stream Impact Zone 8
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N

0 400 800 1,600 Feet

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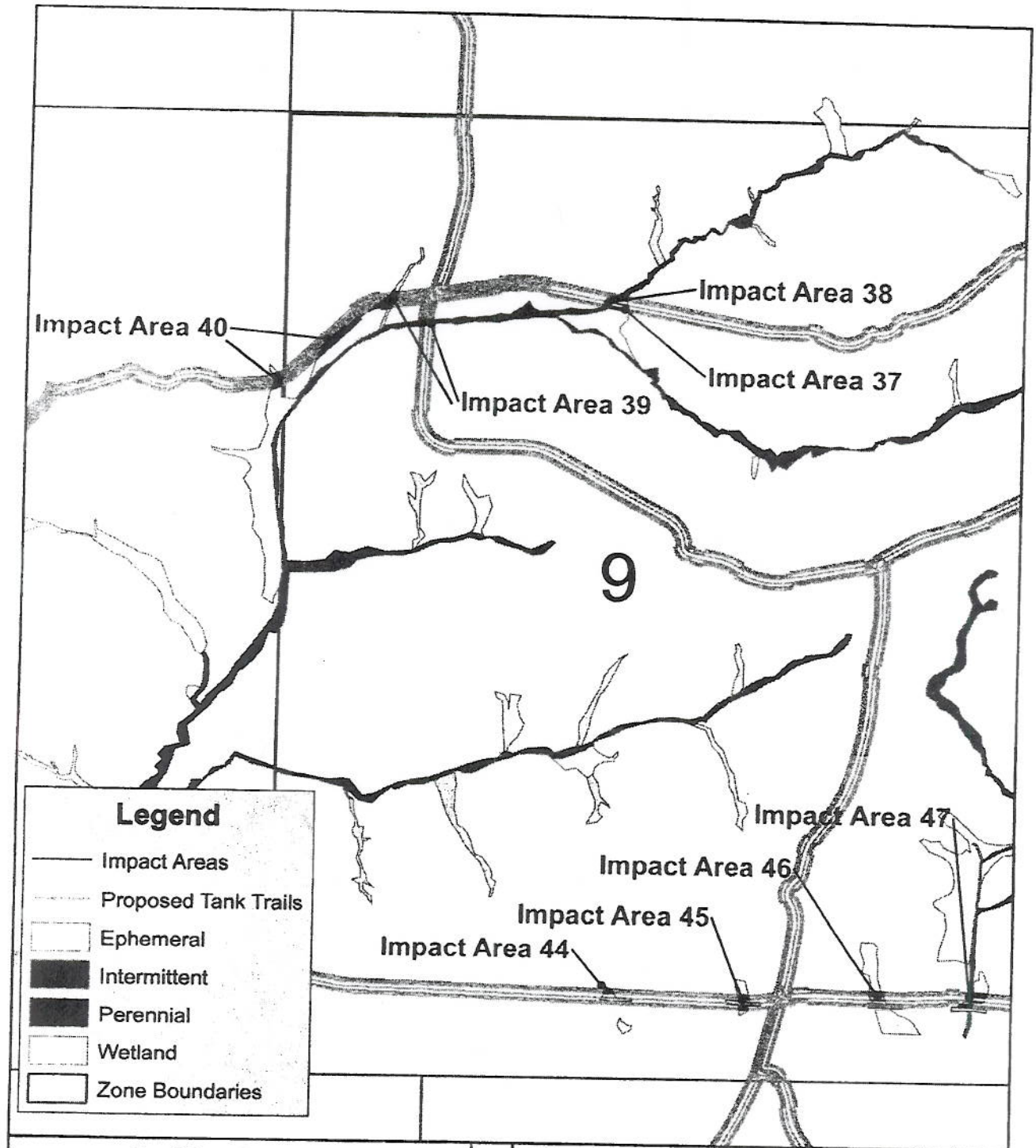

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Figure 10
Jurisdictional Wetland/Stream
Impact Zone 9
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N

0 450 900 1,800 Feet

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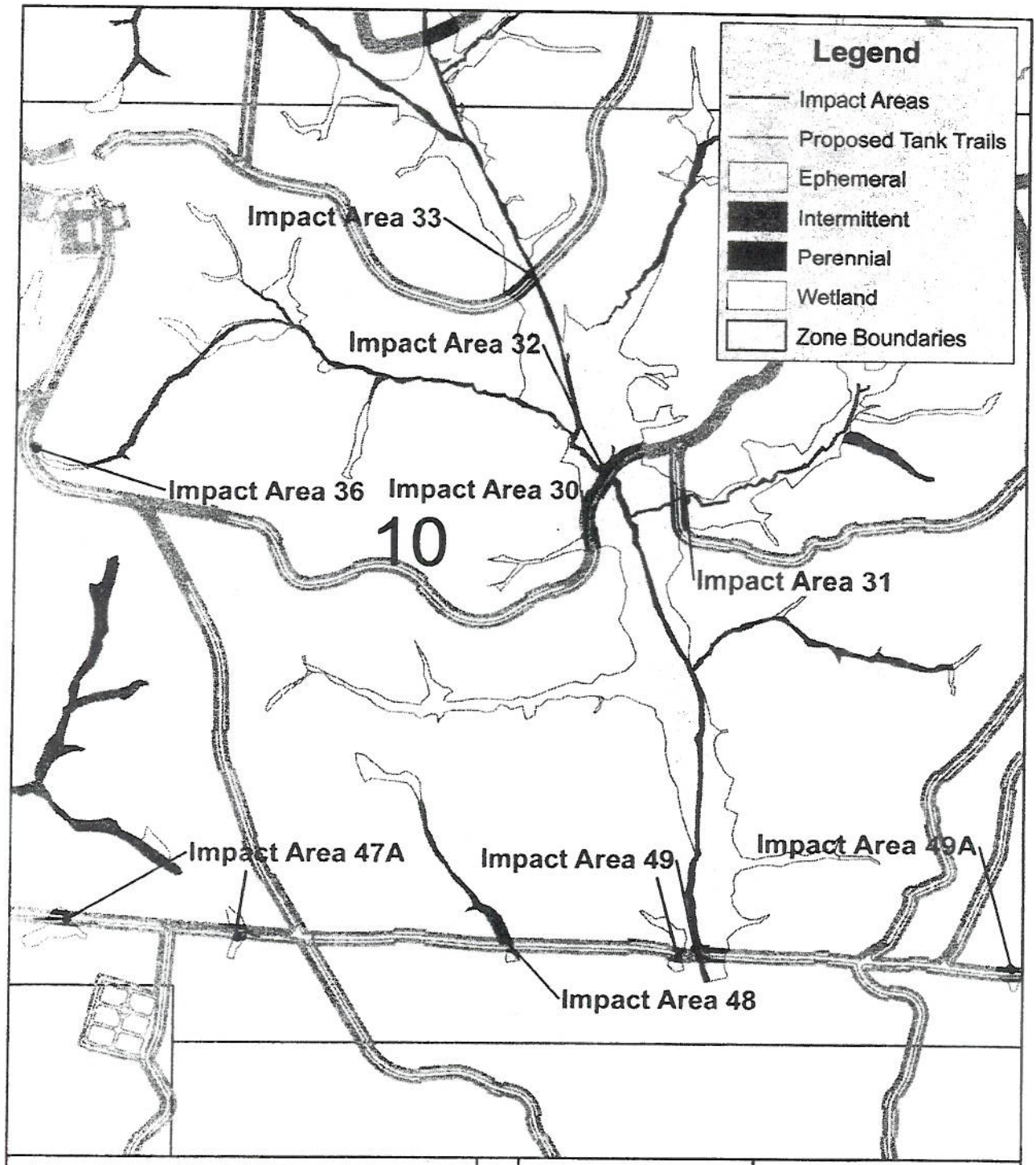

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Figure 11
Jurisdictional Wetland/Stream
Impact Zone 10
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0 500 1,000 2,000 Feet

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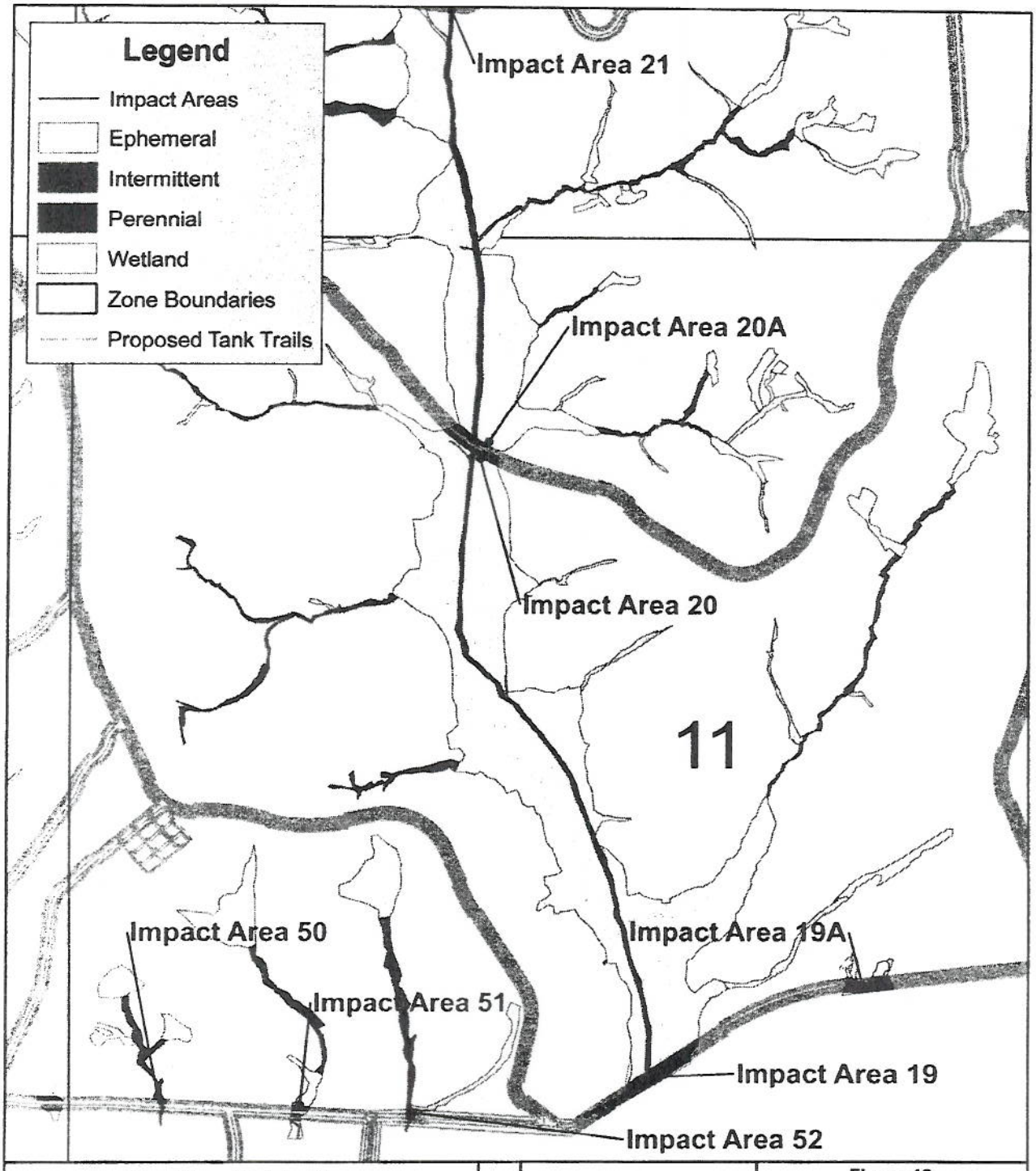

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Figure 12
Jurisdictional Wetland/Stream Impact Zone 11
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0 500 1,000 2,000 Feet

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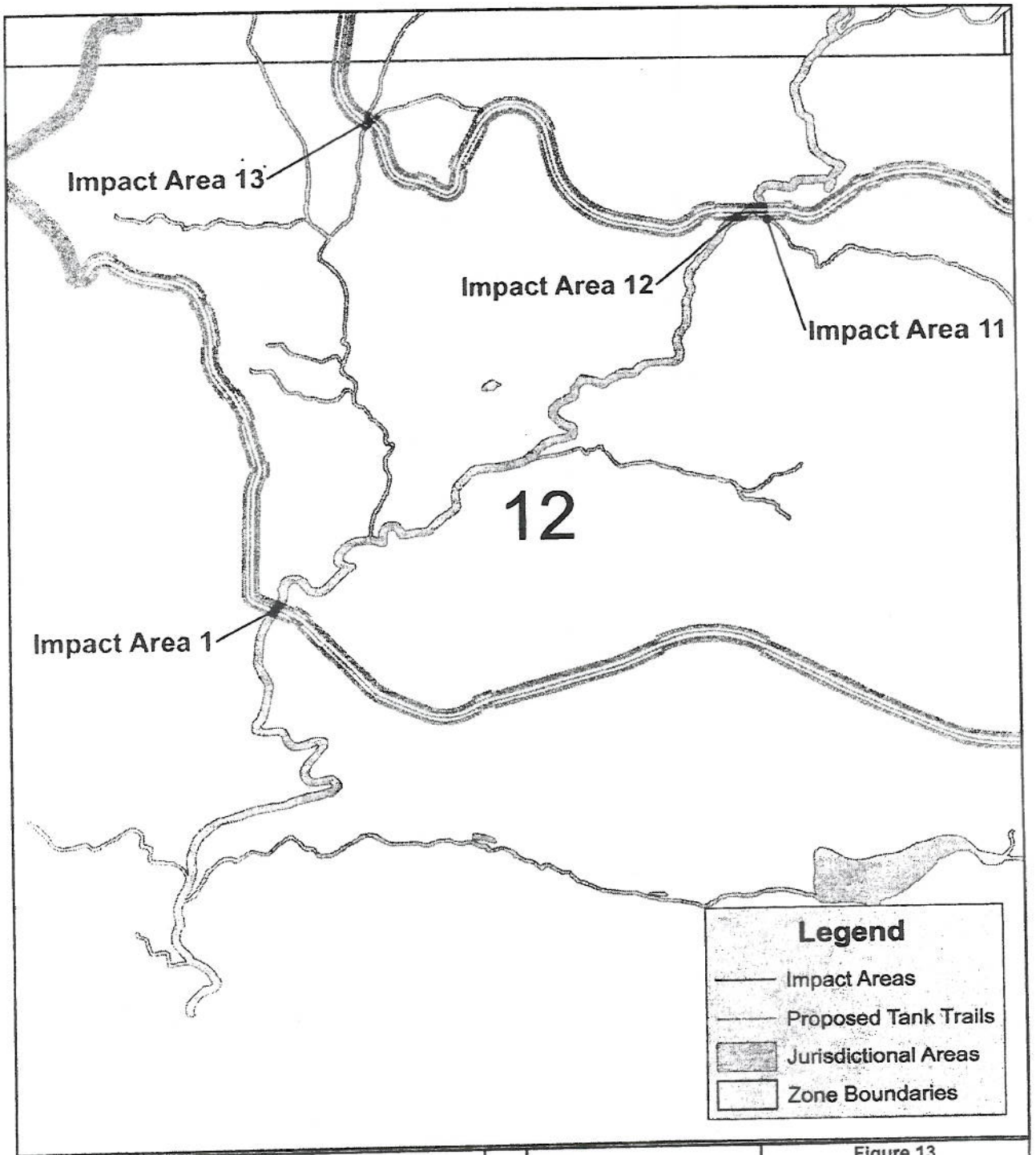

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Figure 13
Jurisdictional Wetland/Stream Impact Zone 12
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0 425 850 1,700 Feet

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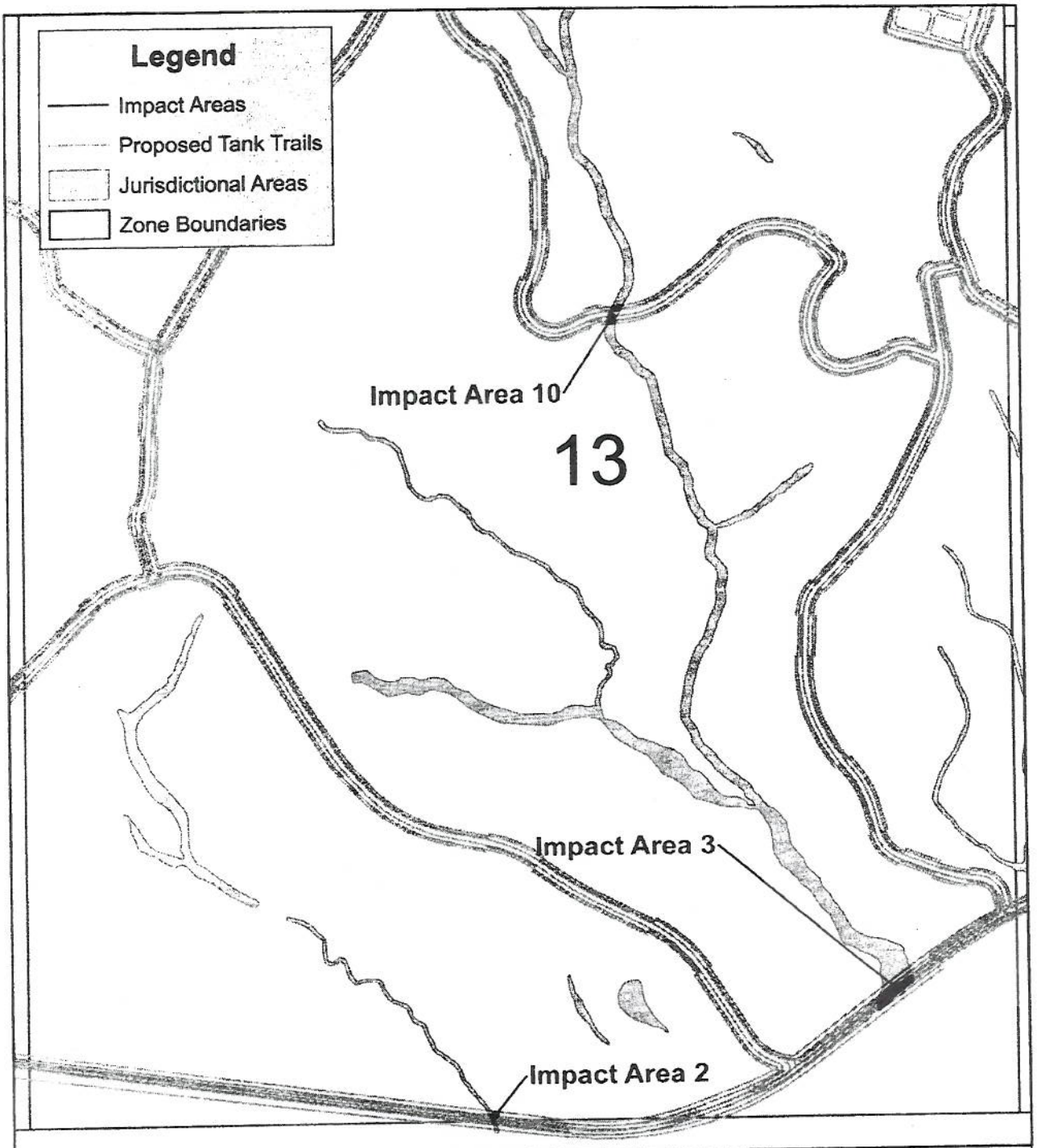

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Figure 14
Jurisdictional Wetland/Stream Impact Zone 13
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0 400 800 1,600 Feet

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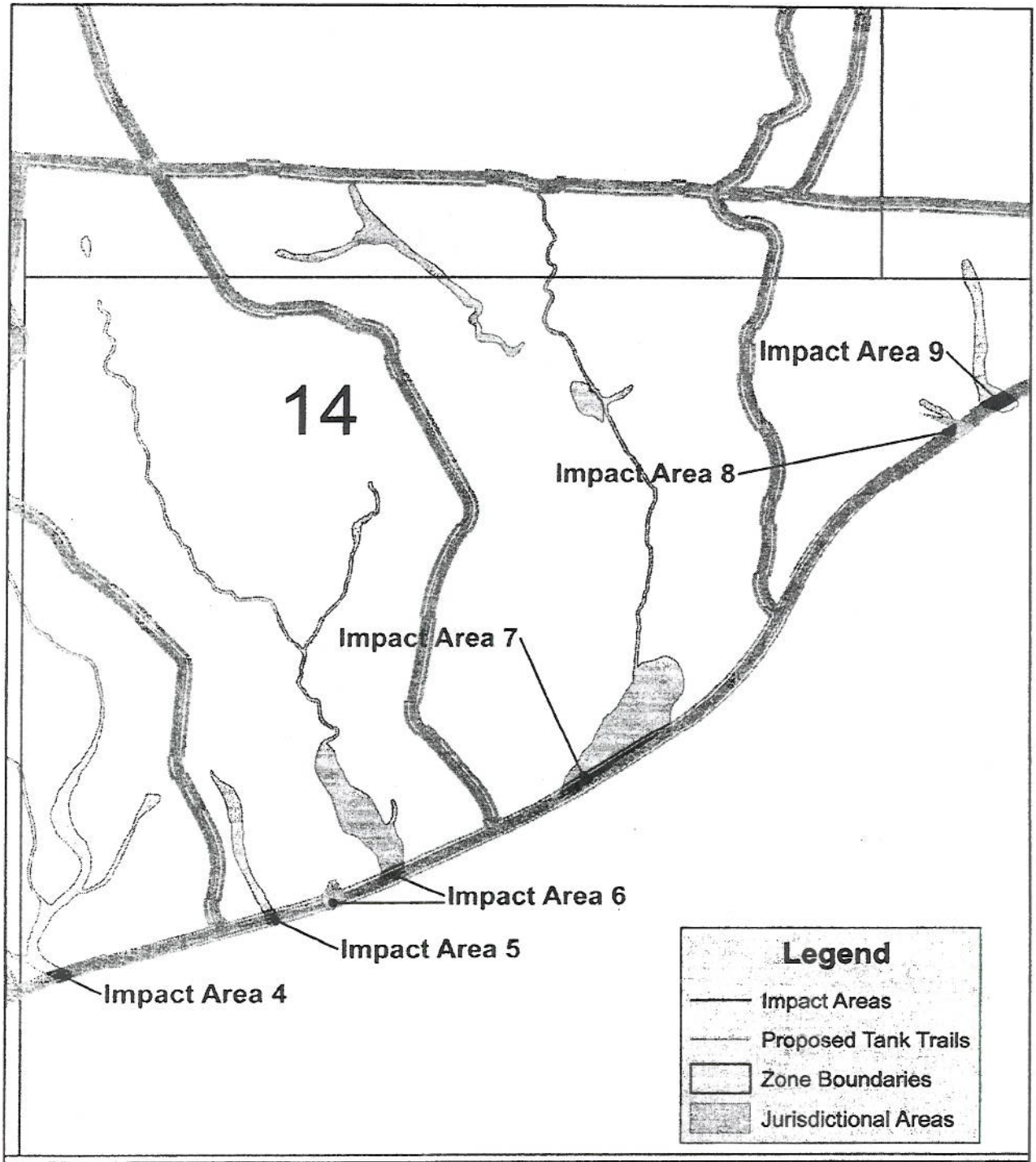

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Figure 15
Jurisdictional Wetland/Stream Impact Zone 14
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0 500 1,000 2,000 Feet

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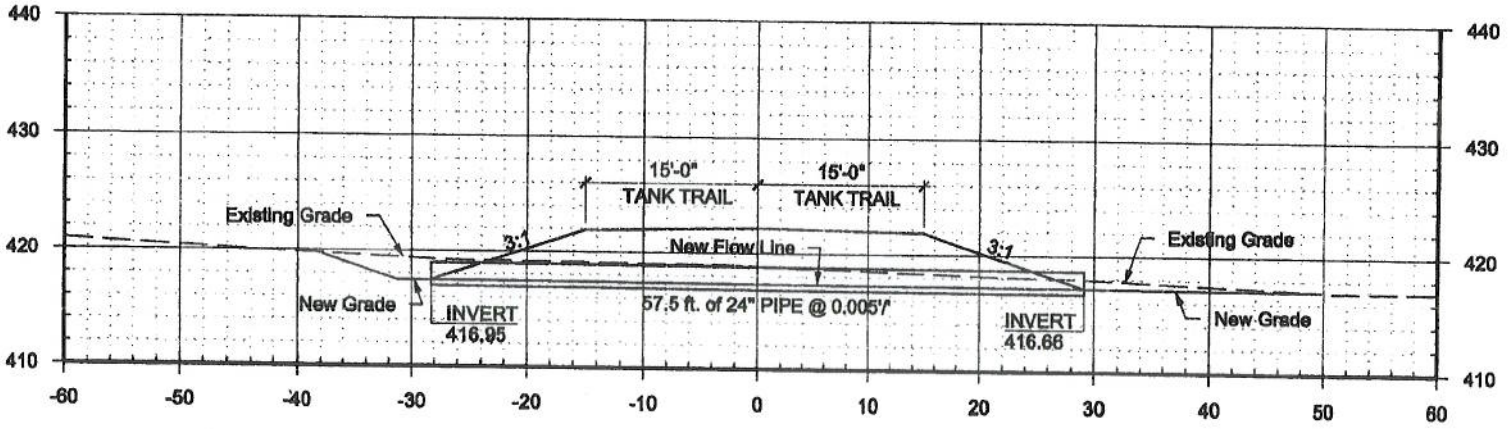
TYPICAL CULVERT SECTION

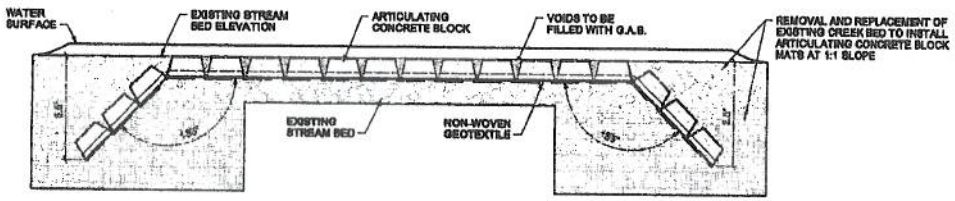


* MINIMUM COVERAGE BETWEEN TOP OF PIPE AND THE TOP OF SUBGRADE/ BOTTOM OF AGGREGATE PAVEMENT SHALL BE 18".

** PIPE INVERTS ARE BURIED 20% OF PIPE DIAMETER OR 6", WHICH EVER IS GREATER.

TYPICAL LOW WATER CROSSING

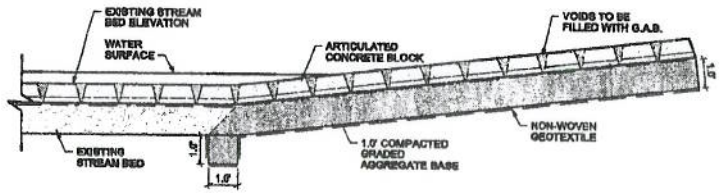
TYPICAL ARTICULATING CONCRETE BLOCK TANK TRAIL STREAM CROSS SECTION



GENERAL NOTES

1. ARTICULATED CONCRETE BLOCK (A.C.B.) WILL BE 4000 PSI CONCRETE.
2. ARTICULATED CONCRETE BLOCK MATS WILL EXTEND INTO THE CREEK BED AT A 1:1 SLOPE. MINIMUM DEPTH OF THE ARTICULATED CONCRETE BLOCK MAT TIE-INTO THE GROUND WILL BE NO LESS THAN 3.5 FEET.
3. ARTICULATED CONCRETE BLOCK MATS TOP SURFACE WILL MAINTAIN THE EXISTING STREAM BANK ELEVATION.
4. VOIDS BETWEEN THE ARTICULATED CONCRETE BLOCKS WILL BE FILLED WITH G.A.B. UNTIL NATURAL BED LOAD FILLS THE VOIDS.

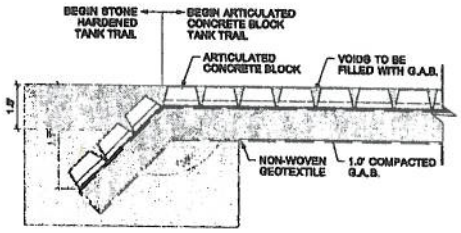
TYPICAL ARTICULATING CONCRETE BLOCK TANK TRAIL STREAM CROSS SECTION



GENERAL NOTES

1. ARTICULATED CONCRETE BLOCK (A.C.B.) WILL BE 4000 PSI CONCRETE.
2. ALL VOIDS BETWEEN A.C.B.'S WILL BE FILLED WITH COMPACTED G.A.B., EXCEPT WHERE A.C.B. IS LOCATED IN THE STREAM FLOW.
3. GRADE SHALL BE SET SO THAT THE SURFACE OF THE INSTALLED A.C.B. IS THE SAME AS THE EXISTING STREAM BED.
4. VOIDS BETWEEN THE ARTICULATED CONCRETE BLOCKS WILL BE FILLED WITH G.A.B. UNTIL NATURAL BED LOAD FILLS THE VOIDS.

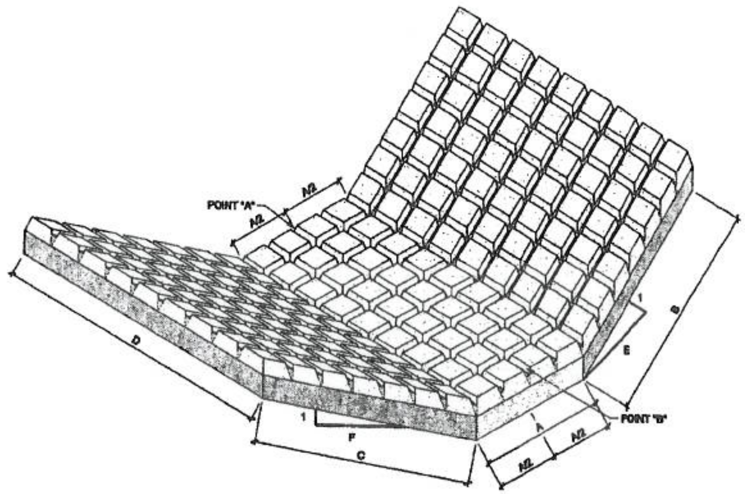
TYPICAL ARTICULATING CONCRETE BLOCK TANK TRAIL STREAM CROSS SECTION



GENERAL NOTES

1. ARTICULATED CONCRETE BLOCK (A.C.B.) WILL BE 4000 PSI CONCRETE.
2. ALL VOIDS BETWEEN A.C.B.'S WILL BE FILLED WITH COMPACTED G.A.B.
3. G.A.B. UNDER A.C.B. WILL BE ONE FOOT THICK AND COMPACTED AS STATED IN SPECIFICATION * WITH A LAYER OF GEOTEXTILE UNDERNEATH.
4. G.A.B. AT STONE HARDENED TANK TRAIL WILL BE 1.0' THICK AS SHOWN IN DRAWING.

TYPICAL LOW WATER CROSSING



1 STREAM CROSS SECTION
NO SCALE

				POINT A			POINT B									
LWC	TRAIL	STA.	Q10	NORTHING	EASTING	ELEV	NORTHING	EASTING	ELEV	A	B	C	D	E	F	Q10 WATER DEPTH
LWC-6	TRAIL N	101+63.60	83.28	891,294.478	2,104,804.460	290.28	891,239.384	2,104,808.494	290.78	24	20	24	24	6.40	6.90	0.66
LWC-7	TRAIL Q	16+41.87	9.97	890,016.089	2,104,290.844	282.28	890,026.369	2,104,309.617	282.78	20	12	16	24	6.73	7.63	0.24
LWC-12	TRAIL P	11+70.24	2.99	889,478.978	2,108,071.289	397.78	889,459.678	2,108,086.888	397.25	24	12	12	24	6.11	6.11	0.11
LWC-13	TRAIL X	19+69.76	13.79	889,896.320	2,111,846.517	290.78	889,872.826	2,111,848.977	290.25	40	20	16	24	6.86	6.86	0.20
LWC-17	TRAIL-E	17+61.89	4.79	888,316.916	2,108,028.189	379.28	888,324.586	2,108,006.429	379.76	24	16	16	24	5.97	6.96	0.14
LWC-18	TRAIL-H	19+16.01	16.09	888,120.431	2,108,290.974	374.78	888,097.419	2,108,287.168	374.28	24	12	16	24	7.90	6.44	0.28
LWC-27	TRAIL-M	24+61.08	8.40	884,066.917	2,106,490.788	336.78	884,034.879	2,106,490.287	336.26	24	16	16	24	7.06	6.93	0.12
LWC-27a	TRAIL-M	16+99.22	2.91	884,192.278	2,104,993.002	326.78	884,178.161	2,104,998.206	326.26	24	86	16	24	6.07	7.89	0.11
LWC-28	TRAIL-C	90+93.04	20.17	893,643.670	2,105,647.310	323.70	893,628.208	2,105,631.062	323.28	24	20	20	24	7.66	7.82	0.33
LWC-31	TRAIL-AA	14+16.15	10.08	884,990.409	2,108,914.609	293.78	884,966.665	2,108,953.616	293.25	24	16	16	24	6.61	7.15	0.22
LWC-32	TRAIL-I	31+37.28	69.74	893,164.778	2,109,746.833	291.78	893,134.626	2,109,753.647	291.38	24	20	20	24	6.93	7.52	0.58
LWC-33	TRAIL-C	78+22.28	202.09	894,705.041	2,109,394.949	289.78	894,684.723	2,109,407.790	289.28	24	44	44	24	7.72	7.02	1.08
LWC-51	TRAIL Q	16+64.22	1.93	889,868.268	2,104,356.200	283.28	889,879.403	2,104,409.456	283.78	24	16	20	24	6.72	7.70	0.08